

What is claimed is:

1. A method of providing a call connection service between a first party and a second party by using a system connected to a PSTN and/or a mobile telecommunication network and the Internet, comprising the steps of:

5 issuing a web business card, in response to a request of the first party by a first client computer via the Internet, including at least one or more call buttons having a call connection requesting function based on web business card information provided by the first party via the first client computer, and transmitting the web business card to one or more e-mail addresses designated
10 by the first party;

in response to a call connection request, activated by clicking the call button of the web business card in a second client computer, via the Internet by the second party received the web business card of the first party via e-mail, receiving from the second client computer call connection information of a
15 communication means to be used by the second party, and respectively dialing a telephone number corresponding to the clicked call button of the first party and the call connection information of the communication means of the second party; and

connecting a call between a telephone of the first party and the
20 communication means of the second party when the first party and the second party respond to a call connection attempted by the dialing, and thereby the call connection service between the first party and the second party being provided by the system through the medium of the web business card.

2. The method as claimed in claim 1, wherein the call connection information of the communication means of the second party is an Internet protocol address of the second client computer to be used by the second party for the call.

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3. The method as claimed in claim 1, wherein the call connection information of the communication means of the second party is a telephone number of a telephone to be used by the second party for the call.

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4. The method as claimed in claim 1, further comprising the steps of providing the first client computer with a web business card list of the first party stored in the system in response to the first party's request, receiving at least one or more e-mail addresses from the first party via the first client computer, and transmitting a certain web business card selected by the first party from the web business card list to the received e-mail addresses.

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5. The method as claimed in claim 1, further comprising the step of calculating a calling fee by counting a calling period of time between the first and second parties.

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6. The method as claimed in claim 5, further comprising the steps of storing data of an advance payment paid by the first party in a database and deducting the advance payment from the calculated calling fee.

7. The method as claimed in claim 6, further comprising the steps of, when there is a call connection request of the second party, checking the advance payment of the first party and notifying, via a call or e-mail, the first party and/or the second party of a message that the call connection request cannot be serviced when the advance payment is smaller than a predetermined limit amount.

8. The method as claimed in claim 1, wherein the system provides, for issuing the web business card, the first client computer with a web page in which a web business card making means is included in response to the first party's request.

9. The method as claimed in claim 8, wherein the web business card making means has the functions of providing the first client computer with an information input window in which personal information, including at least the first party's telephone number, to be included in the web business card is entered by the first party, providing the first client computer with a web business card draft, after receiving the personal information from the first client computer, in which at least one or more call buttons together with the inputted personal information are arranged in a predetermined position, allowing the first party to insert additional matter into the web business card draft and edit the web business card draft's layout, background, color, font or size as he or she wants, and producing a web business card for the issuing.

10. The method as claimed in claim 8, wherein the web business card making means has the functions of providing the first client computer with an information input window in which personal information, including at least the first party's telephone number, to be included in the web business card is entered by the first party together with at least one or more prepared web business card samples and, after receiving the personal information and the first party's selection of a desired web business card sample from the first client computer, producing a web business card by arranging the personal information and the call button in a predetermined position of the selected web business card sample.

11. The method as claimed in claim 1, wherein the steps of issuing and transmitting the web business card, comprising the steps of:

providing the first client computer with a web page including a web business card making means in response to the request of the first party;

receiving, by the system, the web business card made by the first party with the web business card making means from the first client computer, the received web business card including at least one or more call buttons and the first party's telephone number which corresponds to each call button;

storing the received web business card, together with an ID number which is given by the system with respect to each call button which is included in the received web business card, in a database of the system; and

transmitting the web business card for the issuing to an e-mail address of the first party.

12. The method as claimed in claim 11, further comprising the steps of, in response to a request of the first party, providing the first client computer with a web page including information related to the web business card of the first party after extracting the web business card from the database and, when the first party requests a renewal by correcting the information, updating the database with the corrected information.

13. The method as claimed in claim 1, wherein the web business card is stored in a database managed by the system, wherein the web business card transmitted to the second party includes link information which can specify a corresponding web business card among stored web business cards in the database, wherein when the second client computer accesses to the system, the system receives the link information from the second client computer, extracting from the database a web business card which corresponds to the link information and providing the second client computer with the extracted web business card, and wherein the web business card which is displayed on the second client computer is the web business card currently stored in the database.

14. A system providing a call connection service between a first party and a second party through the medium of a web business card by comprising:

a web server connected to the Internet;

a call server which is connected internally to the web server and

externally to the Internet, a PSTN and/or a mobile telecommunication network;
and

a database server connected to the web server and the call server,

the web server comprising the functions of issuing the web business
5 card including at least one or more call buttons, which have a call connection
requesting function, made based on web business card information which is
provided by the first party via a first client computer, transmitting the web
business card designated by the first party via the first client computer to at
least one or more e-mail addresses designated by the first party, and when the
10 second party received the web business card via e-mail executes a call
connection requesting function of a specific call button included in the web
business card by using a second client computer, in response to the execution,
inquiring into the first party's telephone number corresponding to the specific
call button in the database server, and transmitting call connection information
15 of a communicating means of the second party, together with the telephone
number of the first party to the call server,

the call server comprising the functions of respectively dialing the
telephone number of the first party and the call connection information of the
second party which are transmitted from the web server and, when the first
20 party and the second party respond to a call connection, connecting a call
between a telephone of the first party and the communication means of the
second party, and

the database server comprising the functions of storing member
information provided via the web server and/or the call server, information

related to the web business card, information related to the call between the first party and the second party, etc. in a database, and providing a database-related service such as a renewal of stored data and a response to requested data.

5 15. The system as claimed in claim 14, wherein the call connection information of the communication means of the second party is an Internet protocol address of the second client computer to be used by the second party for a call.

10 16. The system as claimed in claim 14, wherein the call connection information of the communication means of the second party is a telephone number of a telephone to be used by the second party for a call.

15 17. The system as claimed in claim 14, wherein the web server further comprises the function of providing the first client computer with a web page including a web business card making means for issuing the web business card in response to a request of the first client computer and wherein the web business card making means has the functions of providing the first client computer with an information input window in which personal information,
20 including at least the first party's telephone number, to be included in the web business card is entered by the first party, providing the first client computer with a web business card draft, after receiving the personal information from the first client computer, in which at least one or more call buttons together with the inputted personal information are arranged in a predetermined position, allowing

the first party to insert additional matter into the web business card draft and edit the web business card draft's layout, background, color, font or size as he or she wants, and producing a web business card for the issuing.

5 18. The system as claimed in claim 14, wherein the web server further comprises the function of providing the first client computer with a web page including a web business card making means for issuing the web business card in response to a request of the first client computer and wherein the web
10 business card making means has the functions of providing the first client computer with an information input window in which personal information, including at least the first party's telephone number, to be included in the web business card is entered by the first party together with at least one or more prepared web business card samples and, after receiving the personal information and the first party's selection of a desired web business card
15 sample from the first client computer, producing a web business card by arranging the personal information and the call button in a predetermined position of the selected web business card sample.

19. The system as claimed in claim 14, wherein the call server further
20 comprises the function of calculating calling fees incurred by calls between the first and second parties.

20. The system as claimed in claim 19, wherein the call server further comprises the function of deducting the calculated calling fees from advance

payments of the first party and/or the second party in cooperation with the database server.

21. The system as claimed in claim 14, wherein the web business card
transmitted to the second party includes link information which can specify a
corresponding web business card among stored web business cards in the
database, wherein when the second client computer accesses to the web server,
the web server receives the link information from the second client computer,
extracting a web business card which corresponds to the link information from
the database via the database server and providing the second client computer
with the extracted web business card, and wherein the web business card
which is displayed on the second client computer is a web business card
currently stored in the database.

22. The system as claimed in claim 14, wherein the call server includes a
gate keeping means and one or more trunk gateway means,

wherein the gate keeping means selects at least one or more trunk
gateway means which are capable of performing a call connection at the least
cost among available trunk gateway means based on the first party's telephone
number and the second party's telephone number which are transmitted from
the web server and which instruct the call connection by transmitting the first
party's telephone number and the second party's telephone number to the
selected trunk gateway means, and

wherein the selected trunk gateway means dial the first party's

telephone number and the second party's telephone number to open communication channels, respectively, and perform controls for establishing the call connection between the first party's telephone number and the second party's telephone number, so that both parties can have a telephone conversation.

23. The system as claimed in claim 14, wherein the call server includes a gate keeping means and one or more trunk gateway means,

wherein the gate keeping means selects at least one or more trunk gateway means which are capable of performing a call connection at the least cost among available trunk gateway means based on the first party's telephone number and the second party's using Internet protocol address which are transmitted from the web server and which instruct the call connection by transmitting the first party's telephone number and the second party's Internet protocol address to the selected trunk gateway means, and

wherein the selected trunk gateway means dial the first party's telephone number and the Internet protocol address of the second client to open communication channels, respectively, and perform controls for establishing the call connection between the first party's telephone number and the second party's second client computer, so that both parties can have a phone conversation.

24. The system as claimed in claim 14, wherein the web server further comprises the functions of, in response to a request of the first party, providing

the first client computer with a web page including the information related to the web business card of the first party after extracting the web business card from the database and, when the first party requests a renewal by correcting the information, updating the database with the corrected information.

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25. The system as claimed in claim 14, wherein the web server further comprises the functions of: providing the first client computer with a web page in which a web business card making means is included for issuing the web business card in response to the first party's request; receiving from the first client computer the web business card, which includes at least one or more call buttons and the first party's telephone number corresponding to each call button, made by the first party with the web business card making means; and storing, concurrently with assigning an ID number to each call button of the web business card, the received web business card together with the assigned ID number in the database.

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